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PATENT

FACSIMILE TRANSMITTAL LETTER

Attorney Docket No.	Serial No.
100P288US11	10/643,568

Examiner Tran
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

TOTAL NO. OF PAGES: 3
 Sent to Facsimile No.: 571-273-1184
 Examiner Phone No.: 571-272-1184

In re Application of:	Richard M. Herreid et al.		
Serial No.:	10/643,568	Examiner:	Tran
Confirmation No.:	4910	Art Unit:	1725
Filed:	August 19, 2003		
For:	METHOD AND APPARATUS FOR MAKING A SAND CORE WITH AN IMPROVED PRODUCTION RATE		
We are transmitting the following documents:			
Facsimile Transmittal Letter [1 page] Fee Transmittal for FY 2005 [1 page] Terminal Disclaimer To Obviate A double Patenting Rejection Over A Prior Patent [1 page]			

Please charge Deposit Account 50-0549 for any fees under 37 CFR §1.16 and §1.17 that may be required during the pendency of this application. This authorization includes the fee for any extension of time under 37 CFR §1.136(a) that may be necessary. To the extent any such extension should become necessary it is hereby requested.

Respectfully submitted,

Registration No. 45,070	Direct Dial 612-331-7419	
Date: February 14, 2005	Robin A. Sannes	
United States Patent and Trademark Office		
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To Facsimile Number 571-273-1184	Signature	Diane M. Wimperis
Date February 14, 2005	Printed Name Diane M. Wimperis	

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete if Known

Application Number	10/643,568
Filing Date	August 19, 2003
First Named Inventor	Richard M. Herreid et al.
Examiner Name	Tran
Art Unit	1725
Attorney Docket No.	100P288US1

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
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 under 37 CFR 1.16 and 1.17

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Fee (\$)	Small Entity
50	25
200	100
360	180

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=				

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Terminal Disclaimer 130

SUBMITTED BY	<i>Robin A. Sannes</i>	Registration No. (Attorney/Agent) 45,0702/16/2003 126020074004	Date February 14, 2005
Signature	<i>Robin A. Sannes</i>	10643568	
Name (Print/Type)	Robin A. Sannes		

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public (e.g., to file and have processed by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEE OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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100 VALUE	ACCOUNT NO.
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FEE CODE	VALUE FURNISHED
1814	130